Model Performance

Model	Data

Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.84	0.55	0.85	0.53	0.83	0.64

Model Results

Predicted value: 2.66

Global applicability domain: Inside

Local applicability domain index: 4.24e-01

Confidence level: 7.05e-01

Nearest Neighbors from the Training Set

Image not found
Carbendazim
Measured: 2.51
Predicted: 2.38

Image not found
Bromacil
Measured: 3.24
Predicted: 2.87

Image not found
Methidathion
Measured: 5.50
Predicted: 4.97

Image not found
Dimethoate
Measured: 1.58
Predicted: 1.88

Image not found
Phosmet
Measured: 1.82
Predicted: 4.54